

Please amend the application as follows:

IN THE SPECIFICATION

Following the title, in the CROSS-REFERENCE TO RELATED APPLICATION paragraph please amend the paragraph as follows:

CROSS-REFERENCE TO RELATED APPLICATION

This application is a divisional of and claims the benefit of the filing date under 35 U.S.C. 120 of U.S. Patent Application Serial No. 10/063,991 by inventors David M. Albert, Edwin K. Arrant, and Marvin B. Edwards, entitled "System and Method of Operation of an Embedded System for a Digital Capacitance Diaphragm Gauge," filed May 31, 2002, which is hereby incorporated into this application by reference in its entirety as if it had been fully set forth herein, in turn, and is related to United States Provisional Application No. 09/350, 744, filed July 9, 1999, ~~each of which is hereby incorporated into this application by reference in its entirety as if it had been fully set forth herein.~~